

Title (en)
Support structure for control pedal

Title (de)
Tragwerk für ein Fahrzeugpedal

Title (fr)
Structure de support pour une pédale de véhicule

Publication
EP 1787873 A2 20070523 (EN)

Application
EP 06023737 A 20061115

Priority

- JP 2005333295 A 20051117
- JP 2005333296 A 20051117
- JP 2005333297 A 20051117
- JP 2005333298 A 20051117
- JP 2005333299 A 20051117

Abstract (en)
Disclosed is a control pedal support structure, which comprises a pedal bracket 3 fixed to a dash panel to extend in a rearward direction of a vehicle body, and a pedal body 2 swingably supported relative to the pedal bracket 3 through a pedal pivot shaft (first pivot shaft) 13 mounted to the pedal bracket 3 to extend in a lateral direction of the vehicle body. In the support structure, the pedal bracket 3 includes a mount hole zone 14 for mounting thereon the pedal pivot shaft 13, and a support zone 20 located below the mount hole zone 13 and adapted to support the pedal pivot shaft 13 from therebelow. The support structure includes dropping means adapted, during a vehicle collision, to deform the support zone 20 so as to allow the pedal pivot shaft 13 to be dropped below the mount hole zone 14.

IPC 8 full level
B60R 21/09 (2006.01); **B60T 7/06** (2006.01); **G05G 1/327** (2008.04)

CPC (source: EP US)
B60R 21/09 (2013.01 - EP US); **B60T 7/065** (2013.01 - EP US); **G05G 1/327** (2013.01 - EP US); **Y10T 74/20528** (2015.01 - EP US)

Citation (applicant)

- WO 03045750 A1 20030605 - RENAULT SA [FR], et al
- JP 3269372 B2 20020325
- EP 0659615 A1 19950628 - OPEL ADAM AG [DE]

Cited by
EP2594440A1; FR3043639A1; EP2540579A1; CN106458024A; CN102388349A; FR2994914A1; US8590660B2; US8899130B2; WO2010116092A1; US9010216B2

Designated contracting state (EPC)
DE

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1787873 A2 20070523; **EP 1787873 A3 20080723**; **EP 1787873 B1 20100616**; DE 602006014920 D1 20100729; US 2007137398 A1 20070621

DOCDB simple family (application)
EP 06023737 A 20061115; DE 602006014920 T 20061115; US 59296806 A 20061106